Cubic spline fit $S_0(x) = 0.00 + -1.00x + -1.00x^2 + 1.00x^3$ 1.0 - $S_1(x) = 1 + 0x + 0.0000e + 00x^2 + 0.00x^3$ $S_2(x) = 0 + 0x + 0.0000e + 00x^2 + 0.00x^3$ $S_3(x) = 0.00 + 0.00x + 0.00x^2 + 0.00x^3$ 0.5 $y = \sin(\frac{2x}{\pi})$ Data points 0.0 -0.5 -1.0-1.5-2.00.5 2.0 -1.00.0 1.0 1.5 -1.5-0.5X